

T.ex™



Actual size.

One single-gas T.ex™ does the work of 4 different competitors' packages.

Combines disposable, datalogging and contractor mode into one single gas monitor. No need to inventory different models to meet certain plant requirements.

- Single gas monitors for O₂, CO, and H₂S
- Easy one button operation
- Displays real time value or just OK for contractor mode
- 24 month available for H₂S and CO
- On board datalogging standard
- Includes fully programmable menu for alarms levels, contractor mode, latching/non latching and more
- Easily bump tested or calibrated in the field
- Bump station for accurate bump testing and record keeping
- IR transmission to PC for all data and calibrations
- Audible, visual, vibrating. TWA, STEL, low bat, and end of life alarms
- Locking built in alligator clip and optional hard hat clip available
- 24 or 36 month disposable options available for toxic gas versions



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Detection, Protection, Innovation

GMI. CONFIDENCE WHERE SAFETY IS CRITICAL. Gas Measurement Instruments designs, manufactures and markets a wide range of the highest quality proven personal portable and fixed gas monitoring systems. GMI is an international brand with a worldwide network of distributors and dedicated service centers ensuring fast and effective turnaround on instrument calibration and repair. Our uncompromising engineering excellence, established in over half a century of leadership, enables us to meet the exacting demands of industries where safety is critical. By building and maintaining strong relationships with our customers, GMI understands the unique challenges of the diverse markets we serve. Today, our proud heritage of pioneering gas leak monitors and detectors is shaping the future of GMI.



T.ex™

The T.ex was designed for several applications where monitoring of a single gas only is required. Widely used now in the oil and gas industry, this rugged, extremely lightweight and accurate monitor clips easily on a collar or vest putting the instrument near the breathing zone for maximum protection and safety. Audible, visible and vibrating alarms alert the user should gas be present and alarms can be latching until the user acknowledges that an alarm is present. Each instrument is supplied with a monitor, calibration adaptor, detailed user manual, storage case.

ORDERING INFORMATION AND ACCESSORIES

63002	T.ex Oxygen (O ₂)	24 month
62404	T.ex Carbon Monoxide (CO)	24 month
62403	T.ex Hydrogen Sulfide (H ₂ S)	24 month
63101	Hard hat clip	
66485	Hydrophobic filter (for use with aspirator)	
63121	Bump test docking station	
63122	Docking station for calibration	
63120	Datalogging software, communication cable, manual	

BUMP TEST / CALIBRATION STATION

The GMI bump station is designed to give a fast visual indication that all systems are working on a specific model of the T.ex. Just place the instrument face down into the cradle and follow the instructions on the panel and testing is complete in less than a minute. Data is then stored on the individual unit and can be retrieved and printed for certificates for your own defined time period.

This bump station is not required for use with the monitors and direct bump tests from cylinders of gas can still be used for field verification.

Full calibration can be performed on the instrument manually in less than 2 minutes and data is stored on the unit when calibration is performed.



Extraction of data is via the datalogging software and IR interface module.

Bump Station

T.ex APPLICATIONS

Petrochemical	Off-shore
Chemical	Forklift operators
Clean Room	Pulp and paper
Cities & Municipalities	Gas and oil
Fire Departments	Boiler room monitoring

T.ex TECHNICAL SPECIFICATIONS

Size:	3.4 (H) x 2.2 (W) x 1.16 (D) in 85 (H) x 55 (W) x 29 (D) mm
Weight:	3.0 oz (86g)
Temp. Limits:	-4° to +122° F (-20° to + 50° C)
Humidity:	0-98% RH (non-condensing)
Alarms:	Visual 360° Light bar Vibrating Audible 95 dB User programmable, includes TWA, STEL
Display:	LCD backlit display
Battery:	Lithium Ion heavy duty 3.6V
Enclosure:	High impact ABS poly blend
Approvals:	UL 913 Class I, Div 1, Groups A, B, C, D MED Ⓢ (0038/yy) - Module B & E - O2 only
IECEX:	Ga Ex ia IIC T4
Outputs:	IR optical via alarm window to IR receiver
Datalogging:	Minute by minute, event logging hours dependent on usage
Calibration:	Unit comes calibrated and bump tests and full calibrations can be performed easily on the unit. Full calibration is accessed through the front buttons and special instructions. A calibration adaptor is provided for toxic models.
Gases:	Oxygen (O ₂), Carbon Monoxide (CO), Hydrogen Sulfide (H ₂ S)
Warranty:	2 years

T.ex SENSOR SPECIFICATIONS

GAS	RANGE	RESOLUTION	TYPE	LIFE
O ₂	0 to 25%	0.1%	Electrochemical	2 yrs
CO	0 to 500ppm	1 ppm	Electrochemical	2 yrs
H ₂ S	0 to 100ppm	1 ppm	Electrochemical	2 yrs

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